

[illegible]

Abstract

A data processing method and system for generating and verifying a key protection certificate.

The data processing system comprises a PSD including a unique device name, cryptography means, data processing means, data storage means and communications means.

The cryptography means includes an asymmetric key pair generating algorithm, a first securely shared secret key, a second securely shared secret key, symmetric cryptography means, a concatenation algorithm, a message authentication code algorithm, cryptographic seed information, a key protection certificate algorithm and a signing algorithm.